



ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Air Quality

FNSB Air Quality Stage 2 Alert

LOCATION(S) IMPACTED: North Pole Zone

ISSUED TIME/DATE: Friday March 1, 2019 6:00 PM

EXPIRES TIME/Date: Saturday March 2, 2019 11:00 AM

ALERT TYPE: Stage 2— Curtailment required, see below for details

EXCEPTIONS: NOASH waiver holders only

MANDATORY ACTION REQUIRED BY RESIDENTS; All solid fuel-fired devices must cease operation unless the exceptions above apply. Residents should rely instead on their home's cleaner source of heat (such as a gas or fuel oil fired furnace or boiler or electric baseboard heaters) until the Stage 2 alert is canceled.

This does not apply during a power outage.

OUTDOOR OPEN BURNING: ALL OPEN BURNING IS PROHIBITED in the PM_{2.5} Nonattainment area from November 1st – March 31st, including the use of burn barrels. This does not include recreational fires such as bonfires, campfires, or ceremonial fires.

ADDITIONAL Voluntary Actions: Plug In at 20 degrees or colder, ride the bus, or car pool

FORECAST: Expect very poor dispersion as the temperature inversion strengthens after sunset and persists through the late morning hours. As temperatures warm in the afternoon, the inversion will weaken and allow for good/fair dispersion. We are forecasting the North Pole air quality to remain **Unhealthy for Sensitive Groups** with periods of **Unhealthy** or worse during the alert period, with 24hr average PM_{2.5} values >35ug/m³.

Stage 2 restrictions are called once levels are forecasted to or have reached an **UNHEALTHY for SENSITIVE GROUPS** or higher category

| Air Quality Category | Cautionary Statements |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Good | None |
| Moderate | Unusually sensitive people should consider reducing prolonged or heavy exertion. |
| Unhealthy for Sensitive Groups | People with heart or lung disease, the elderly and children should reduce prolonged or heavy exertion. |
| Unhealthy | People with respiratory or heart disease, the elderly and children should avoid prolonged exertion; everyone else should limit prolonged exertion |
| Very Unhealthy | People with respiratory or heart disease, the elderly and children should avoid any outdoor activity; everyone else should avoid prolonged exertion |
| Hazardous | Everyone should avoid any outdoor exertion; people with respiratory or heart disease, the elderly and children should remain indoors |

Note: Air Quality readings are from monitoring stations in Fairbanks and North Pole, and may not be representative of your neighborhood. If you are sensitive to air pollution, or experience any respiratory problems, please follow the instructions of your physician



FOR MORE INFORMATION:

For information regarding this alert, please contact us at fnsbair@alaska.gov. For more information on the DEC alert and curtailment program, and how to apply for a NOASH waiver, visit dec.alaska.gov/fnsbair. Alert announcements are also recorded on our phone line at 907-451-2132.